

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		((("20070110013") or ("20050254450") or ("3995111") or ("4004098") or ("5774462")). PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/03/16 03:08
L3	739385	phs or "personal handyphone system"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:38
L4	9	L3 and (burst near3 synchronization near3 control)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:38
L5	2	L3 and (burst near3 synchronization near3 control) and (sdma or "space division multiple access")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:38
L6	7	L4 not L5	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:38
L7	7	L6 and ( signal)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:38
L8	281080	reference near3 signal	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:39
L9	16562	l8 and ((base cell radio) near5 station)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:39
L10	5339	l9 and (multiple\$5 near5 (receiv\$3 detect\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:40

L11	213	l10 and (sdma "space division multiple access")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:41
L12	4	l11 and (allocat\$3 near5 (reference near3 signal))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:42
L13	0	("2005/0254450").URPN.	USPAT	OR	ON	2009/11/18 23:42
L14	460	l10 and ((switch\$3 chang\$3 moving allocat\$3) near8 (reference near3 signal))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:46
L15	456	l14 not l12	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:46
L16	49	l15 and (multiplex\$3 near6 connect \$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:47
L17	2	l15 and (multiplex\$3 near6 connect \$3) and (switched near3 beam)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:53
L18	67	switched near3 beam near3 smart near3 antennas	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:54
L19	16	l18 and l9	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/18 23:54
L20	8	l19 and sdma	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:04
L21	0	l20 and multiplex\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:05

L22	0	l21 and l18	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:05
L23	2	((("6456610") or ("6967936")).PN.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/11/19 00:12
L24	1	("20030140303").PN.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/11/19 00:18
L25	20	time near3 switched near3 transmission near3 diversity	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:23
L26	20	l25 and switch\$3	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:23
L27	0	l26 and sdma	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:23
L28	0	l25 and switch\$3 and sdma	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/19 00:41
S1	50	("20050254450" "5406553" RE39216 "5119369" "6768724" "6775542" "6909704" "7039024" "20010046213" "20030156569" "20040105136" "3997902" "4107471" "4686673" "4800561" "5272694" "5548807" "5930242" "6208632" "6836484" "20050124352" "20050276320" "20050068931" "20060245347" "5361154" "5463742" "6047189" "6563806" "6700977" "7133377" "20030067883" "20040077349" "20040120288" "20060217112" "6308158" "6490455" "6385444" "6577615" "6721292" "4438824" "5251248" "5790667" "7061137" "7190687" "4897835" "3633169" "4251153" "4347607" "4357700" "4365248" ).pn.	US- PGPUB; USPAT	OR	ON	2007/11/09 14:02

S2	0	S1 and (mobile with statio with base with (trans\$4 or rece\$4))	US-PGPUB; USPAT	OR	ON	2007/11/26 05:52
S3	50	("20050254450" "5406553" RE39216 "5119369" "6768724" "6775542" "6909704" "7039024" "20010046213" "20030156569" "20040105136" "3997902" "4107471" "4686673" "4800561" "5272694" "5548807" "5930242" "6208632" "6836484" "20050124352" "20050276320" "20050068931" "20060245347" "5361154" "5463742" "6047189" "6563806" "6700977" "7133377" "20030067883" "20040077349" "20040120288" "20060217112" "6308158" "6490455" "6385444" "6577615" "6721292" "4438824" "5251248" "5790667" "7061137" "7190687" "4897835" "3633169" "4251153" "4347607" "4357700" "4365248" ).pn.	US-PGPUB; USPAT	OR	ON	2007/11/26 05:52
S4	10	S3 and (mobile with station with base with (trans\$4 or rece\$4))	US-PGPUB; USPAT	OR	ON	2007/11/26 06:04
S5	7	S4 and (tdma cdma wcdma fdma)	US-PGPUB; USPAT	OR	ON	2007/11/26 06:16
S6	2296	370/329.ccls.	US-PGPUB; USPAT	OR	ON	2007/11/26 06:17
S7	20034	ito.in.	US-PGPUB; USPAT	OR	ON	2007/11/26 06:17
S8	44	S7 and tadayoshi.in.	US-PGPUB; USPAT	OR	ON	2007/11/26 06:17
S9	0	S8 and S6	US-PGPUB; USPAT	OR	ON	2007/11/26 06:17
S10	0	S8 and S6 and S7	US-PGPUB; USPAT	OR	ON	2007/11/26 06:17
S11	2	S7 and S6	US-PGPUB; USPAT	OR	ON	2007/11/26 06:22
S12	2	((("20020039886") or ("20010019952")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/26 13:07
S13	32055	tdma fdma	US-PGPUB; USPAT	OR	ON	2007/11/26 13:08

S14	19345	S13 and (base near station)	US-PGPUB; USPAT	OR	ON	2007/11/26 13:09
S15	3	S14 and (pn address id) and (mobile users cells phones devices laptop) and (frame near5 (notify alert notif\$3) near6 allocat\$3 near5 slots)	US-PGPUB; USPAT	OR	ON	2007/11/26 13:28
S16	3	S14 and (chang\$3 near5 frame near5 allocate)	US-PGPUB; USPAT	OR	ON	2007/11/26 13:43
S17	3	S16 not S15	US-PGPUB; USPAT	OR	ON	2007/11/26 13:43
S18	50	("20050254450" "5406553" RE39216 "5119369" "6768724" "6775542" "6909704" "7039024" "20010046213" "20030156569" "20040105136" "3997902" "4107471" "4686673" "4800561" "5272694" "5548807" "5930242" "6208632" "6836484" "20050124352" "20050276320" "20050068931" "20060245347" "5361154" "5463742" "6047189" "6563806" "6700977" "7133377" "20030067883" "20040077349" "20040120288" "20060217112" "6308158" "6490455" "6385444" "6577615" "6721292" "4438824" "5251248" "5790667" "7061137" "7190687" "4897835" "3633169" "4251153" "4347607" "4357700" "4365248" ).pn.	US-PGPUB; USPAT	OR	ON	2007/11/28 16:18
S19	25	S18 and (@pd<"20020920")	US-PGPUB; USPAT	OR	ON	2007/11/28 16:30
S20	0	S19 and (multi\$4 near6 connect\$3 near6 (cdma fdma tdma))	US-PGPUB; USPAT	OR	ON	2007/11/28 17:42
S21	8	S19 and (multi\$4 near6 (cdma fdma tdma))	US-PGPUB; USPAT	OR	ON	2007/11/30 12:04
S22	50	("20050254450" "5406553" RE39216 "5119369" "6768724" "6775542" "6909704" "7039024" "20010046213" "20030156569" "20040105136" "3997902" "4107471" "4686673" "4800561" "5272694" "5548807" "5930242" "6208632" "6836484" "20050124352" "20050276320" "20050068931" "20060245347" "5361154" "5463742" "6047189" "6563806" "6700977" "7133377" "20030067883" "20040077349"	US-PGPUB; USPAT	OR	ON	2007/12/10 00:25

		"20040120288" "20060217112" "6308158" "6490455" "6385444" "6577615" "6721292" "4438824" "5251248" "5790667" "7061137" "7190687" "4897835" "3633169" "4251153" "4347607" "4357700" "4365248" ).pn.				
S23	2	((("20020039886") or ("20010019952")).PN.	US- PGPUB; USPAT	OR	OFF	2007/12/10 00:26
S24	2	((("7339998") or ("20030036403")). PN.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/03/16 05:23
S25	486	(sdma "space division multiple access") and (multipl\$3 with (mobile terminals laptops devices portable php) with (sdma "space division multiple access"))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:18
S26	83	S25 and (reference near3 (signal waveform propagation connections) )	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:19
S27	1	S26 and ((maintain\$3 thresholds levels) same (quality ) same (chang\$3 adding adds) same (multiplex\$3 near3 connect\$3))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:21
S28	0	("2005/0254450").URPN.	USPAT	OR	ON	2009/10/22 01:21
S29	2	S26 and ((quality ) same (chang\$3 adding adds) same (multiplex\$3 near3 connect\$3))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:21
S30	1	S29 not S27	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:22
S31	32286	455/450,464,509,422.1-460.ccls.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:24
S32	437	ito.in. and tadayoshi.in.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:25

S33	124360	sanyo.as.	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:28
S34	1522	"I18" and "I16"	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/10/22 01:33
S57	2533	(space near3 division near3 multiple near3 access) or sdma	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 18:52
S58	646	S57 and (reference near3 signals)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 18:52
S59	410	S58 and optimiz\$?	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 18:53
S60	332	S59 and (allocat\$3)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 18:53
S61	298	S60 and (quality and (hold\$3 maintain\$3 keep\$3 sustain\$3))	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 18:59
S62	28	S61 and (stor\$3 with reference with signal)	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 19:08
S63	13961288	@ad<"20030901"	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 19:09
S64	25	S63 and S62	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/04 19:09
S65	738049	phs or "personal handyphone system"	US- PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/06 02:36

S66	9	S65 and (burst near3 synchronization near3 control)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/06 02:37
S67	2	S65 and (burst near3 synchronization near3 control) and (sdma or "space division multiple access")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/06 02:38
S68	0	("2005/0254450").URPN.	USPAT	OR	ON	2009/11/06 02:40
S69	0	("2006/0072535").URPN.	USPAT	OR	ON	2009/11/06 02:40
S70	7	S66 not S67	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/06 02:41
S71	0	S70 and (reference near3 signal)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/11/06 02:41

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S43 and and myata.in. and takeo.in.	USPAT; UPAD	OR	ON	2009/10/22 01:29
S35	0	370/329.cls.	USPAT; UPAD	OR	ON	2009/10/22 01:23
S36	2188	370/329.ccls.	USPAT; UPAD	OR	ON	2009/10/22 01:23
S37	3876390	@ad<"20040316"	USPAT; UPAD	OR	ON	2009/10/22 01:23
S38	29	ito.in. and tadayoshi.in.	USPAT; UPAD	OR	ON	2009/10/22 01:25
S39	18401	455/450,464,509,422.1-460.ccls.	USPAT; UPAD	OR	ON	2009/10/22 01:25
S40	17	S38 and S37	USPAT; UPAD	OR	ON	2009/10/22 01:26
S41	7081	sanyo.as.	USPAT; UPAD	OR	ON	2009/10/22 01:29
S42	0	S41 and S38 and (myata.in. and takeo.in.)	USPAT; UPAD	OR	ON	2009/10/22 01:29
S43	11	S41 and S38	USPAT; UPAD	OR	ON	2009/10/22 01:29
S44	0	S43 and myata.in. and takeo.in.	USPAT; UPAD	OR	ON	2009/10/22 01:29



S45	0	S43 and S39 and S36 and S40	USPAT; UPAD	OR	ON	2009/10/22 01:33
S46	1	S43 and S39 and S40	USPAT; UPAD	OR	ON	2009/10/22 01:34
S47	266	"I1" and "I2" and S39 and S37	USPAT; UPAD	OR	ON	2009/10/22 01:36
S48	0	S47 and S40	USPAT; UPAD	OR	ON	2009/10/22 01:36
S49	0	S47 and S41	USPAT; UPAD	OR	ON	2009/10/22 01:36
S50	0	S47 and S46	USPAT; UPAD	OR	ON	2009/10/22 01:37
S51	5	(allocat\$3 with unallocat\$3) and (unique with word) and (detection with (device equipment "base station" unit))	USPAT; UPAD	OR	ON	2009/10/22 01:40
S52	0	S51 and S37 and S36	USPAT; UPAD	OR	ON	2009/10/22 01:40
S53	3	S51 and S37	USPAT; UPAD	OR	ON	2009/10/22 01:40
S54	14	("20020049063"   "20030035490" "20030125040"   "20060040709" "20060135063"   "20070072570" "6219561"   "6307882"   "6314305"   "6735182"   "6760593"   "6859503"   "6901062"   "7003310").PN. OR ("7539461").URPN.	US-PGPUB; USPAT	OR	ON	2009/10/22 01:41
S55	0	S54 and multiplex\$3 and connections and during and communications and maintaining	USPAT; UPAD	OR	ON	2009/10/22 01:45
S56	2	S54 and multiplex\$3 and connections	USPAT; UPAD	OR	ON	2009/10/22 01:46

11/ 19/ 2009 12:55:45 AM

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